Microsoft® Windows NT™
Hardware Compatibility List

The following computers, device adapters, storage devices, printers, pointing devices and keyboards have been tested using the July, 1992 Preliminary Release of Microsoft Windows NT. This list is a subset of the hardware we expect to support in the final product and was current at the time it was published. If your hardware is not listed below, contact your hardware manufacturer for more information. We have not tested every computer and/or device in all possible configurations.

We expect these and additional systems to run on the October Beta Release of Windows NT. An updated version of this list is available in Library 1 of the WINNT forum (GO WINNT) or Library 17 of the MSWin32 forum (GO MSWIN32) on Compuserve Information Services.

Intel 80386/80486 Uniprocessor Computers
Any computer 100% compatible with those listed below.

ACER AcerFrame 1000/33
ACER AcerFrame 500 (Model FT33TE)
ACER AcerFrame 500 (Model FT50TE)
ACER AcerFrame 500 (Model FT66TE)
ACER AcerPower 486/33
Adaptive Data System Professional 486
   System
ADD-X Systemes 386/40Mhz
Alfa Deltacom 386-33
Alfa Deltacom 386sx-25
Alfa Deltacom 486-33
Alfa Deltacom 486-50
Alfa Deltacom 486sx-25
ALR BusinessVEISA 386DX/33
ALR BusinessVEISA 486/33
ALR BusinessVEISA 486DX2/66
ALR Flyer 32DT 4DX/33
ALR Flyer 32DT 4SX/25
ALR MPS 486/33
ALR PowerFlex Flyer 32LTC
ALR PowerFlex Flyer 386sx/25
ALR PowerPro SMP
ALR ProVEISA 486DX/33MHz
ALR ProVEISA 486DX2/66
ALR ProVEISA 586DX/50MHz
ALR ProVEISA DMP 486DX/33
ALR ProVEISA SMP 486DX/33
ALR Ranger M486DX/25
ALR Ranger M486SX/25
ALR Ranger MC486DX/25
ALR Ranger MC486SX/25
Altos System 4500 Model 4520
Altos System 4500 Model 4533
Altos System 4500 Model 4550
Altos System 4500 Model 4566
Apricot Qi 486DX
ARCHE 402H
Ariel 486-33 Vesa Local Bus
ASI 486/33MHZ
ASI 9000 386DX
ASI 9000 386SX
ASI 9000 486DX
AST Power Premium 4/33 Model 213V
AST Premium 386/33T
AST Premium 486/33E
AST Premium II 386/33 Model 213V
AST Premium II 486/33
AST Premium SE 4/33 Model 333
Compaq Deskpro 386/20e
Compaq Deskpro 386/25
Compaq Deskpro 386/25e

Compaq Deskpro 386/33
Compaq Deskpro 386/33L
Compaq Deskpro 386s/20
Compaq Deskpro 486/25
Compaq Deskpro 486/33L
Compaq Deskpro 486/33M
Compaq Deskpro 486/50L
Compaq Deskpro 66M
Compaq Portable 486c
Compaq Prosignia 486DX2/66
Compaq Systempro 486/50 XL
Compaq Systempro 486DX/2 66
Compaq SystemPro/LT 486DX2/66
Compaq SystemPro/LT 486sx/25
CompuAdd 420s
CompuAdd 433
CompuAdd 433E
Cube 340 ATX
Cube 433 ATX
Cube 450 ATX
DCI 486SX-25
Dell PowerLine System 325
Dell PowerLine System 433DE
Dell PowerLine System 433E
Dell PowerLine System 433SE
Dell PowerLine System 450DE
Dell PowerLine System 450DE/2 DGX
Dell PowerLine System 450SE
Dell PowerLine System 486D/33
Dell PowerLine System 486D/50
Dell PowerLine System 486P/33
Digital Equipment Corp. DECpc 425ST
Digital Equipment Corp. DECpc 433ST
Digital Equipment Corp. DECpc 433T
Digital Equipment Corp. DECpc 450ST
Digital Equipment Corp. DECstation 425c
Dolch 486/50 ISA
Dolch P.A.C. 386-33C
Dolch P.A.C. 486-33C
Elonex PC-4xx M/B
Epson 48633\DX Express Station
Epson 486SX\25 Express Station
Epson EISA Series 486DX\33
Epson EISA Series 486DX\50
Epson EISA Series 486\25
Epson Equity 386DX\33 PLUS
Epson Equity 386SX\25 PLUS
Epson Equity EISA 486DX/50
Everex Step 386/33
Everex Step 486/25 Desktop
Everex Step 486/33 ISA

Everex Step 486DX2/50 EISA 12
Everex Step 486DX2/50 EISA 8
Everex Tempo 386/25
Everex Tempo 386/33 Modular
Everex Tempo 386SX/25
Everex Tempo 486/33
Everex Tempo 486DX2/50
Everex Tempo 486DX2/50 Desktop
Everex Tempo 486DX2/50 EISA
Everex Tempo 486SX/20
Everex Tempo 486SX/25
Everex Tempo 486SX25 Desktop
Everex Tempo C-Series 386/25c
Everex Tempo C-Series 386/33c
Everex Tempo C-Series 486/33c
Evergreen Systems Capcard
G2 80386/40
G2 80486/50
G2 80486DX/50E
G2 80486sx/25
Gateway 2000 386-33
Gateway 2000 386SX-20C
Gateway 2000 486/33C
Gateway 2000 486/33E
Gateway 2000 486DX2/50
Gateway 2000 486DX2/50E
Goldstar GS386DXM
GRiD 486ei-33
GRiD MFP/425s
GRiD MFP/425s+
GRiD MFP/433s+
GRiD MFP/450
GRiD MFP/450+
GRiD MFP/466+
Hancke & Peter 386w Professional
Hancke & Peter 486w Professional
Harris Epoch 486-50 ISA
HP Vectra 386/25
HP Vectra 486/25T
HP Vectra 486/25U
HP Vectra 486/33T
HP Vectra 486/33U
HP Vectra 486/50U
HP Vectra 486/66ST
HP Vectra 486/66U
HP Vectra 486S/20
HP Vectra RS/25C
IBM PS/2 Model 70 386
IBM PS/2 Model 70 486
IBM PS/2 Model 80 386/25
IBM PS/2 Model 90 XP

IBM PS/2 Model 95 XP 486
IBM PS/2 Model P75
ICL Alfaskop DS 458 Eisa
ICL CX486
ICL CXe486
ICL FX486/50
ICL System Platform FX486/50
Intel 486DX Workstation
Intel LP 486/33E
Intel X486/50E
Interface Electronic AR486OPT-33 M
Ipex 486DX-33 DESKTOP
Ipex 486DX-33 LOCAL BUS
Ipex 486DX-33 LOW PROFILE
Ipex 486DX-33 MINI-TOWER
Ipex 486DX50 DESKTOP EISA
Ipex CENTRA 2000 486 EISA
Iverson 486/33 LOCAL BUS
Kontron IpLite Color 486/33
KT Technology KT386DX40
KT Technology KT486DX33
KT Technology KT486DX50
L.E.M. Technologies Sys38640/M
Leading Edge D4/33
Magitronic B341Q
Magitronic B433EISA
Magitronic B451C
Magitronic B466EISA
Magitronic G-MM 340-130-4M
MiTAC 4280GA
MiTAC 4280H
MiTAC LEGO 4060 G/M
National Instruments VXIpc-486 Model 500
NCR 3000 Model 3335
NCR 3000 Model 3345
NCR 3000 Model 3445
NCR 3000 Model 3447
NCR StarStation
NEC Powermate 386/25S
NEC Powermate 486/33e
NEC PowerMate 486/33i
NEC PowerMate 486/50e
NEC PowerMate 486/50i
NEC Powermate 486sx/25e
NEC PowerMate 486SX/25i
NEC PowerMate DX2/50e
NEC PowerMate DX2/66e
NEC ProSpeed 486SX/C
Nimrod 486/50 TP
Northgate Elegance 433i
Northgate Elegance SP 433
Oki if486VX510
Oki if486VX530
Oki if486VX530D
Olivetti LSX5010
Olivetti LSX5020
Olivetti LSX5030
Olivetti M380/XP9
Olivetti M400-40
Olivetti M400-60
Olivetti M480-40
Osbourne 450DI
Osbourne 450PE
Packard Bell 400DX/33
Packard Bell 400DX/50
Packard Bell 400DX2/50
Packard Bell 400SX-25
Packard Bell 470
Packard Bell 486CDM
Packard Bell 486DX2/50
Packard Bell 495
Packard Bell 515E
Packard Bell 525E

Packard Bell 545E
Packard Bell 550
Packard Bell 560
Packard Bell 566E
Packard Bell AXCEL 450
Packard Bell AXCEL 460
Packard Bell AXCEL 486/33
Packard Bell AXCEL 530
Packard Bell AXCEL 550
Packard Bell AXCEL 570
Packard Bell AXCEL 850
Packard Bell EXECUTIVE 486/33
    (including EL, Elite, F and G models)
Packard Bell EXECUTIVE 486SX-4G
Packard Bell FORCE 425
Packard Bell FORCE 486/25
Packard Bell FORCE 486/25EX
Packard Bell FORCE 486/33
    (including +, -M1, -M210, E, G, F, J,
    JW, and PLUS models)
Packard Bell FORCE 48625
Packard Bell FORCE 486CDM-1/TV
Packard Bell FORCE 486SX/25
    (including G and W models)
Packard Bell FORCE 515S
Packard Bell FORCE 525
    (including B and S models)
Packard Bell FORCE 545
    (including B and S models)
Packard Bell FORCE 565
Packard Bell FORCE 565S
Packard Bell FORCE 600
    (including B and S models)
Packard Bell LEGEND 486CDM-1/TV
Packard Bell LEGEND 625
Packard Bell LEGEND 660
    (including ELITE and H models)
Packard Bell LEGEND 670
Packard Bell LEGEND 700
Packard Bell LEGEND 700 ELITE
Packard Bell LEGEND 740
Packard Bell LEGEND 750 SUPREME
Packard Bell LEGEND 770
Packard Bell LEGEND 770 ELITE
Packard Bell LEGEND 780
Packard Bell LEGEND 790
Packard Bell LEGEND 800 SUPREME
Packard Bell LEGEND 800 SUPREME/50
Packard Bell LEGEND 925G
Packard Bell LEGEND 925J
Packard Bell LEGEND 933
    (including SUPREME, G, G ELITE, J,
    J ELITE, and J+ models)
Packard Bell LEGEND 950
Packard Bell LEGEND 950 ELITE
Packard Bell LEGEND 950 ELITE
Packard Bell LEGEND M950
Packard Bell PACKMATE 486
Packard Bell PACKMATE 486/33
    (including G and J models)
Packard Bell PACKMATE 48625
Packard Bell PACKMATE X225
Packard Bell PACKMATE X230
Packard Bell PACKMATE X233
Packard Bell PACKMATE X240
Packard Bell PACKMATE X250
Packard Bell PACKMATE X250Y
PC-Brand Leader 386/40 Cache
PC-Brand Leader 486/33
PC-Brand Leader 486/50
PC-Brand Leader 486dx2/66
PC-Brand PCB500 486dx/33
Peacock 386DX 40
Peacock 486DX 50

Philips P3450B
Positive by Tandon 386/40 Cache
Positive by Tandon 486/33
Positive by Tandon 486/50
Positive by Tandon 486dx2/66
Positive PC1000 486dx/33
Protech 386DX-40MHz ISA
Protech 486-33MHz ISA
Protech 486DX-50MHz EISA
RDIpc 486PQFP
RDIpc i486DX2/50c
Samsung DeskMaster 486S/25N
Sidus SCI model 486/33
Siemens-Nixdorf PCD-4Gsx/20
Siemens-Nixdorf PCD-4T/33
Siemens-Nixdorf PCD-4Tsx25
Siemens-Nixdorf PCE-4C
Siemens-Nixdorf PCE-4Rsx/25
Siemens-Nixdorf PCE-4T/33
Siemens-Nixdorf PCE-4T/50
SKAI Desktop 486-33/128K
SKAI Tower 486LB/E-50 / 256K
SPC Ergoline 486/50
SPC Ergoline 486/DX2-66
Swan 386/33M
Swan 386SX/25
Swan 486/33DB
Swan 486DX2-50DB
Swan 486SX/25DB
Syncomp Mini 486i-33
Tandon 386/40 Cache
Tandon 486/33
Tandon 486/50
Tandon 486dx2/66
Tandon Option 486dx/33
Tandy 4820SX/T
Tandy 4825SX
Tandy 4833 LX/T
Tandy 4850EP
Tandy 4866LX/T
Tatung TCS9300T3316
Terran Microbyte Lyrebird model 451
Texas Instruments TravelMate 4000 Series
Tiki-Data 486 33 Mhz
Tomtronik HIGHNAME 386-40 MHz
Toshiba T4400SX
TriGem 486/33mm
TriGem 486/50F
Tulip DC486sx-20
Tulip DE/TR 486DX E/50
Tulip DE/TR 486DX E/66
Tulip DE/TR 486DX/E
Viglen EX-Series
Viglen Genie 4DX33
Viglen Genie 4DX66
Wang Microsystems EC 480/33C
Wang Microsystems PC 350/40C
Zenith Data Systems Z-386/33
Zenith Data Systems Z-386/33E
Zenith Data Systems Z-486/25E
Zenith Data Systems Z-486/33E
Zenith Data Systems Z-486/33ET
Zenith Data Systems Z-486/SX 20
Zenith Data Systems Z-486/SX 25
ZEOS 386DX-33CDT
ZEOS 486-50CW
ZEOS 486DX-33CDT
ZEOS 486DX/33EISA
ZEOS 486DX/33ISA
ZEOS 486DX/50
ZEOS 486SX-20DT
ZEOS Upgradable Local Bus DX2-66

Intel 80486 Multiprocessor Computers
Any computer 100% compatible with those listed below.

ACER AcerFrame 3000 MP
ALR PowerPro DMP 486/33
Compaq SystemPro Dual 486/33
NCR 3000 Model 3450
NCR 3000 Model 3550
Wyse 7000i

MIPS ARC/R4000 Computers
Any computer 100% compatible with those listed below.

ACER ARC1
MIPS ARCSystem Magnum PC
MIPS ARCSystem Magnum SC
Olivetti M700-10
Olivetti PWS4000

Display Adapters
The following display adapters have been tested.

IBM VGA (640x480x16)
Headland Technology/Video 7 VRAM
VGA (1024x768x16, 800x600x16)
Headland Technology/Video 7 VRAM II
(1024x768x16, 800x600x16)
Orchid ProDesigner IIs (1024x768x16, 800x600x16)
TSENG Labs ET4000 (1024x768x16, 800x600x16)
IBM XGA (1024x768x256)
DELL DGX (1280x1024x256)
S3-based adapters[1]

Native display adapter on MIPS ARC/R4000 systems from ACER, MIPS and Olivetti (1280x1024x256, 1024x768x256)

Disk Controllers
Any controller 100% register compatible with the following.

Western Digital 1003 (ESDI, IDE)
Compaq Intelligent Drive Array

SCSI Host Adapters
The following SCSI adapters have been tested.

Adaptec AHA-1540b/1542b
Adaptec AHA-1640
Adaptec AHA-1740
DPT PM2012B[1]
Future Domain MCS-600

Future Domain MCS-700
Future Domain TMC-845
Future Domain TMC-850
Future Domain TMC-850M(ER)
Future Domain TMC-1660
Future Domain TMC-1680
Future Domain TMC-7000EX
IBM SCSI Host Adapter[2]
Maynard 16-Bit SCSI Adapter[3]
NCR 53C700 SCSI Controller
NCR 53C710 SCSI Controller[1]
NCR 53C90 SCSI Controller[1]
Olivetti ESC-1
UltraStor 14F[1]
UltraStor 24F[1]

Native SCSI adapter on MIPS ARC/R4000 systems from ACER, MIPS and Olivetti

Network Adapters[4]
The following network adapters have undergone preliminary testing.

3Com Etherlink II [5,6]
3Com Etherlink II / TP
3Com Etherlink / MC
3Com Etherlink 16
3Com Etherlink II / 16
DEC EtherWORKS LC
DEC EtherWORKS Turbo / TP
IBM Token Ring 16/4[6]
IBM Token Ring 16/4A
Novell NE2000[1]
Novell NE3200
SMC (WD) EtherCard Plus (WD 8003EP)
SMC (WD) EtherCard Plus (WD 8013WB)
SMC (WD) EtherCard Plus Elite/A (WD 8013EP/A)[5]
SMC (WD) EtherCard Plus Elite 16 (WD 8013EWC)
Ungermann-Bass NIU Series[1]

Native Ethernet adapter on MIPS ARC/R4000 systems from ACER, MIPS and Olivetti

MultiMedia Audio Adapters
The following audio adapters have been tested.

Creative Labs SoundBlaster
Creative Labs SoundBlaster Pro

SCSI CD-ROM Drives
The following CD-ROM drives have been tested with the listed SCSI host adapters.

CD Technology CD Porta-Drive T-3301
Chinon CDX-431
DEC RRD 42-DA
Denon DRD 253
Hitachi CDR-1750S
NEC Intersect CDR-73(M)
NEC Intersect CDR-84
Pioneer DRM-600
Sony CDU-541
Sony CDU-6211
Sony CDU-7211
Toshiba TXM-3201
Toshiba TXM-3301

SCSI Tape Drives
The following tape drives have been tested.[7]

Archive Python DAT (Maynstream 1300DAT)

Printers
Any printer 100% compatible with those supported by the Windows 3.1 retail product. No plotter support included.

Pointing Devices
Any mouse 100% compatible with the Microsoft Mouse.

Keyboards
Any keyboard 100% compatible with those listed below.

101/102-key
IBM AT 84-key

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[1] This adapter is supported in the Windows NT Beta Release. Compatibility test results are available on Compuserve.
[2] Earlier versions of this controller have proven to have problems with various CD-ROM drives. The Chinon CDX-431 and NEC Intersect CDR-73 are known to work with this controller.
[3] The Maynard SCSI Adapter can be used as a general purpose SCSI controller for all tasks but graphical setup.
[4] Full NDIS 3.0 conformance testing will be available in the future through Microsoft Compatibility Labs.
[5] This adapter has been successfully tested in multiprocessor systems.
[6] This adapter has been successfully tested in MIPS ARC/R4000 systems.
[7] SCSI tape functionality has been successfully tested with the AHA-154x/174x, Maynard 16-Bit SCSI Adapter, and native SCSI adapters on ARC/R4000 systems from ACER, MIPS and Olivetti. This is known to fail on other SCSI adapters at this time.

Microsoft